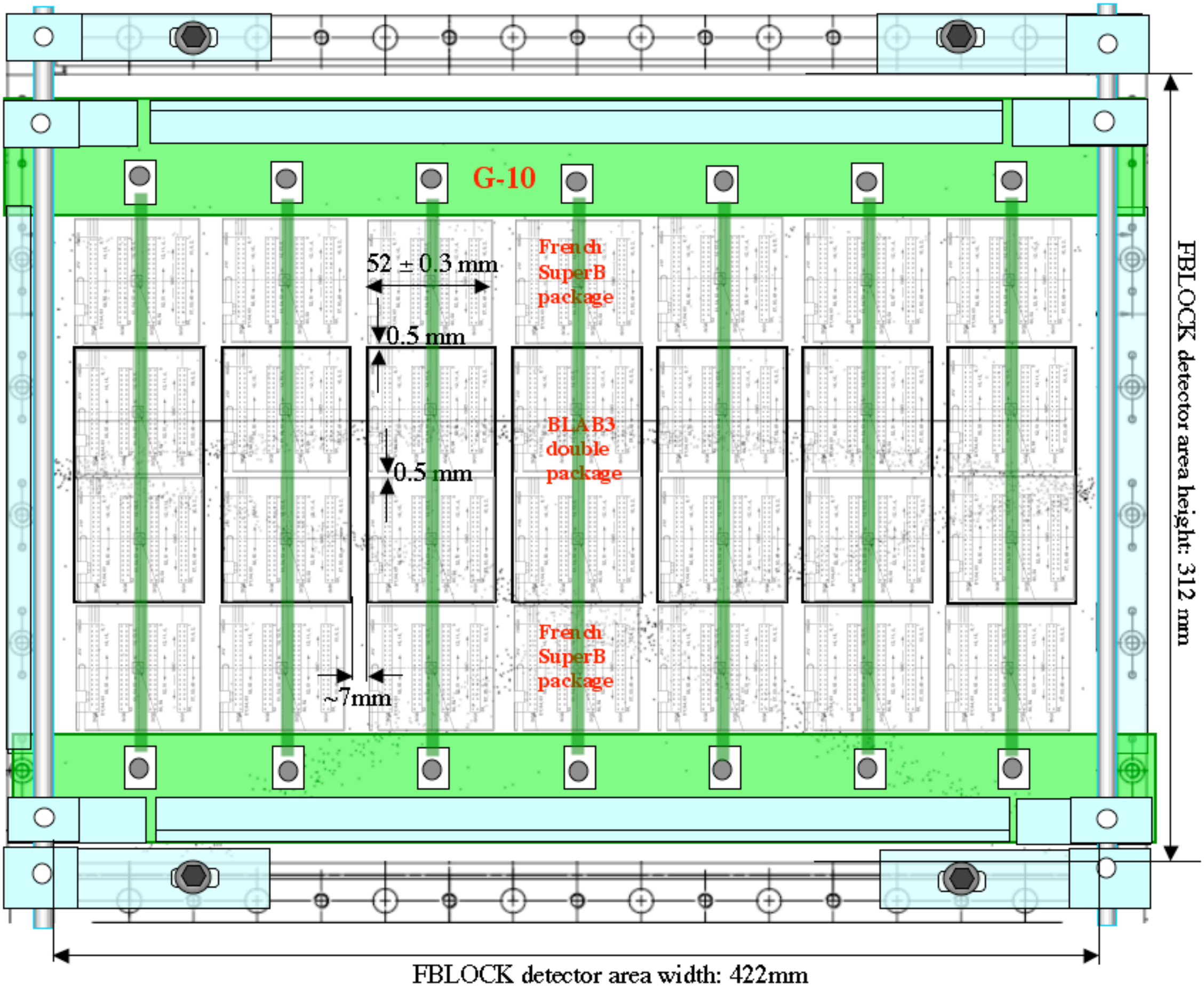
J.V., 6.16.2011

Detector "population" assuming 28 detectors.